

# rating

**Rating Component** This document outlines the specifications for the RatingComponent , an Angular component designed to allow users to rate items by selecting a numerical value from a predefined range.

**Purpose** ■ The RatingComponent provides a user-friendly interface for users to assign ratings to items by selecting a numerical value within a specified range. It enhances user engagement and feedback mechanisms within applications by enabling users to express their opinions through ratings.

**Usage** ■ Integrate the RatingComponent into your Angular applications to enable users to rate items by selecting a numerical value from a predefined range.

**Inputs** ■ `maxValue` : (Required) Specifies the maximum value in the rating scale.  
`value` : (Optional) The current rating value. Defaults to 0 .  
`readOnly` : (Optional) Disables user interaction with the rating component if set to true .  
`showText` : (Optional) Displays the numerical value of the rating alongside the rating component if set to true .  
`icon` : (Optional) Specifies the icon to be used for the rating. Accepts CSS classes or SVG icons.

**Events** ■ `valueChange` : Fired when the rating value changes. Emits the new rating value.

**Example** ■ `< app-rating [maxValue] = " 5 " [value] = " currentRating " [readOnly] = " false " [showText] = " true " icon = " fa fa-star " (valueChange) = " onRatingChange($event) " > </ app-rating >`

**Notes** ■ Customize the styling of the rating component and its icons to match the overall design aesthetics of your application. Implement the `valueChange` event handler to respond to changes in the rating value. Ensure that the `maxValue` input accurately reflects the maximum value in the rating scale to provide an appropriate range for users to select from.

// Example usage

```
currentRating : number = 3.5 ; onRatingChange ( value : number ) { this . currentRating = value ; }
```